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PATENTS AND TRADEMARKS

**(12) DESCRIPTIONS OF INVENTION** To the patent of Russian Federation**(21)** Application number registered: **2001103479/09****(22)** Application filing date: **2001.02.05****(24)** Date started of validity of the patent: **2001.02.05****(45)** Date: **2002.10.27****(71)** Applicant information: **Garmonov Aleksandr  
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Moskovskij pr-t, 97, ZAO "Kodofon",  
V.A.Fursovoj****(54) METHOD FOR COHERENT STAGGERED SIGNAL TRANSMISSION**

**FIELD:** radio engineering; radio communication systems. **SUBSTANCE:** method includes generation of N staggering channels and N pilot signals on sending end; data signal is transmitted through all staggering channels and pilot signal is passed through respective staggering channels; on receiving end transfer functions of staggering channels are estimated using transmitted pilot signals; using estimates obtained data signal transmitted through each staggering channel is pre-distorted on sending end. **EFFECT:** enhanced efficiency of signal transmission at frequency-selective signal fading. 7 cl, 6 dwg